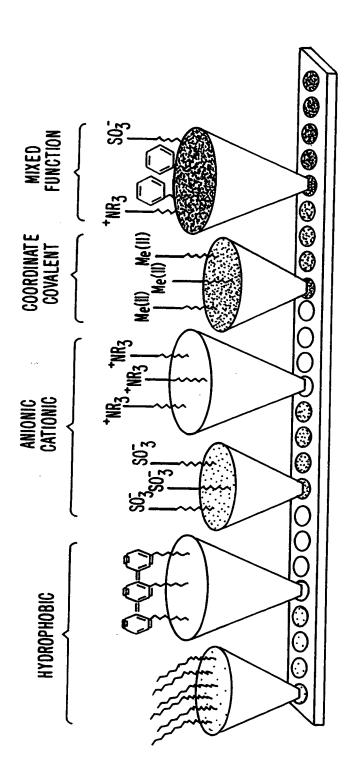


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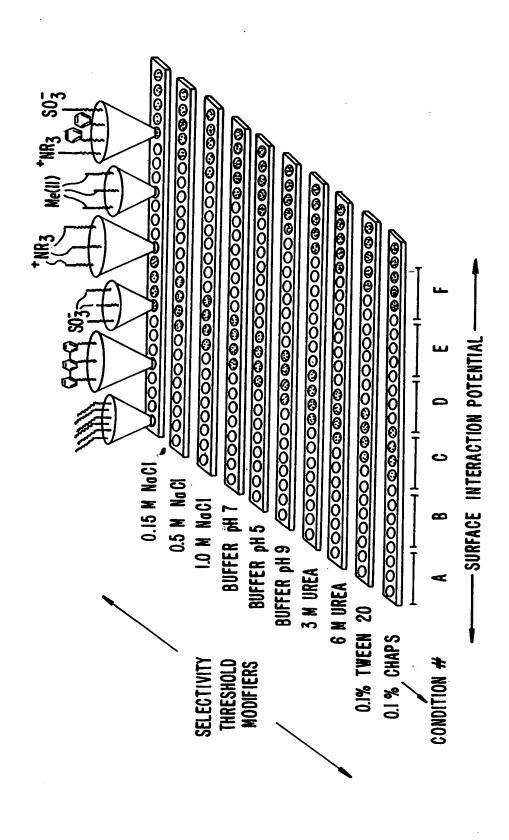
Title: RETENTATE CHROMATOGRAPHY AND PROTEIN CHIP ARRAYS WITH APPLICATIONS IN BIOLOGY AND MEDICINE

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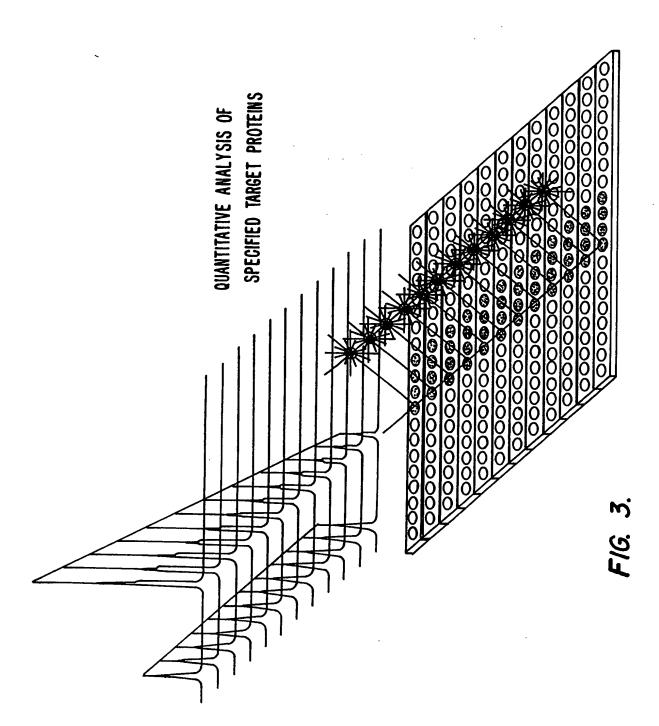


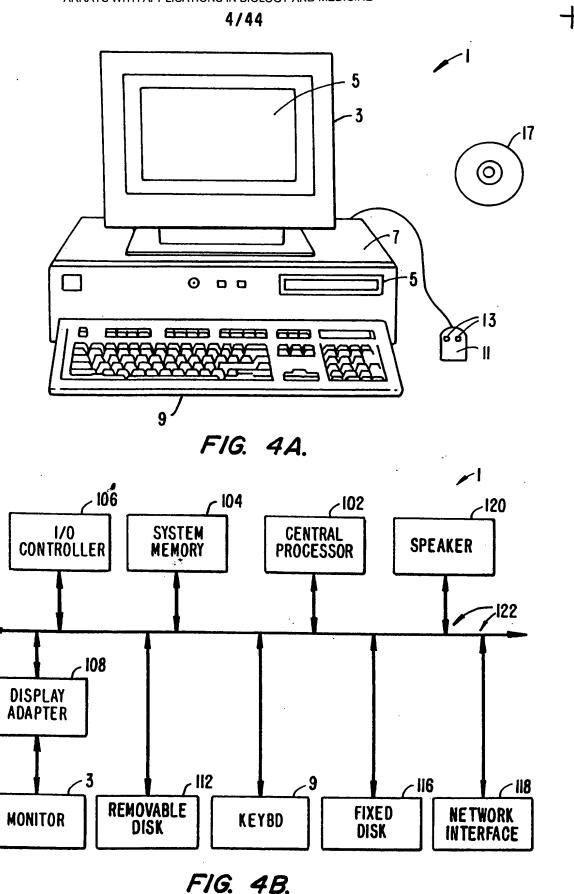
1 9/5

+



F/G. 2.





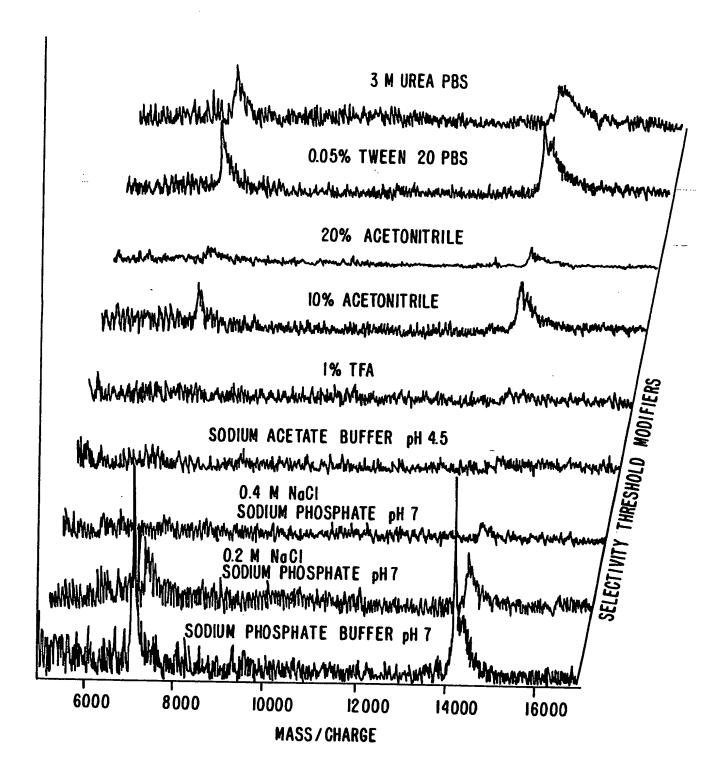


FIG. 5A.

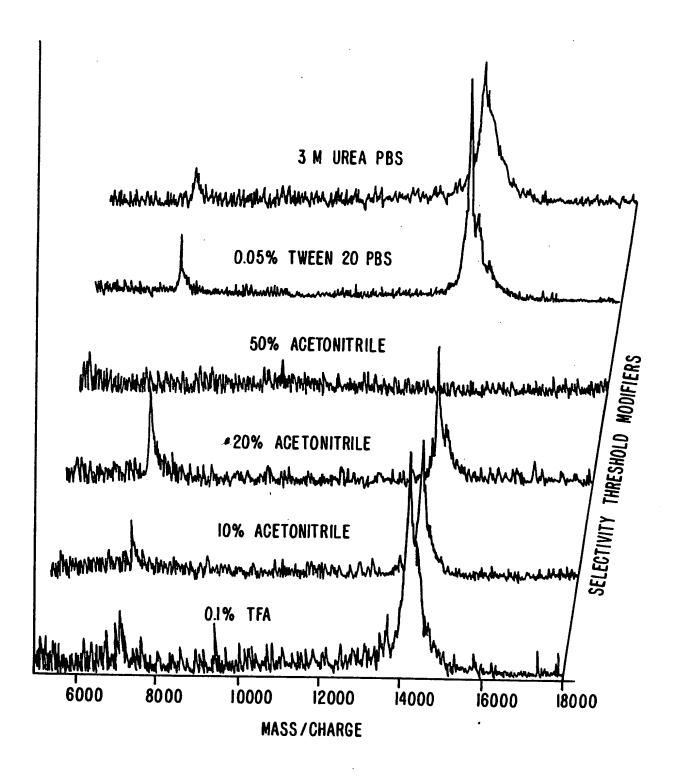


FIG. 5B.

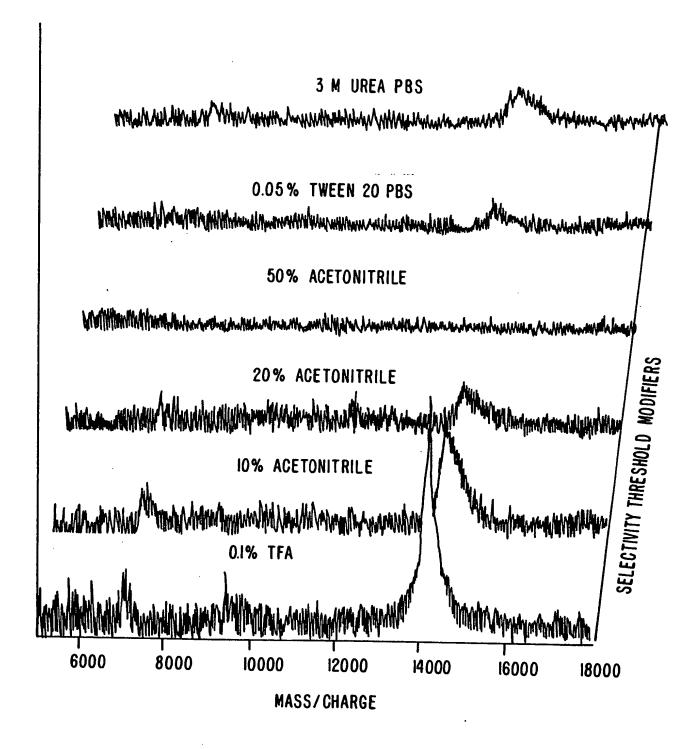


FIG. 5C.

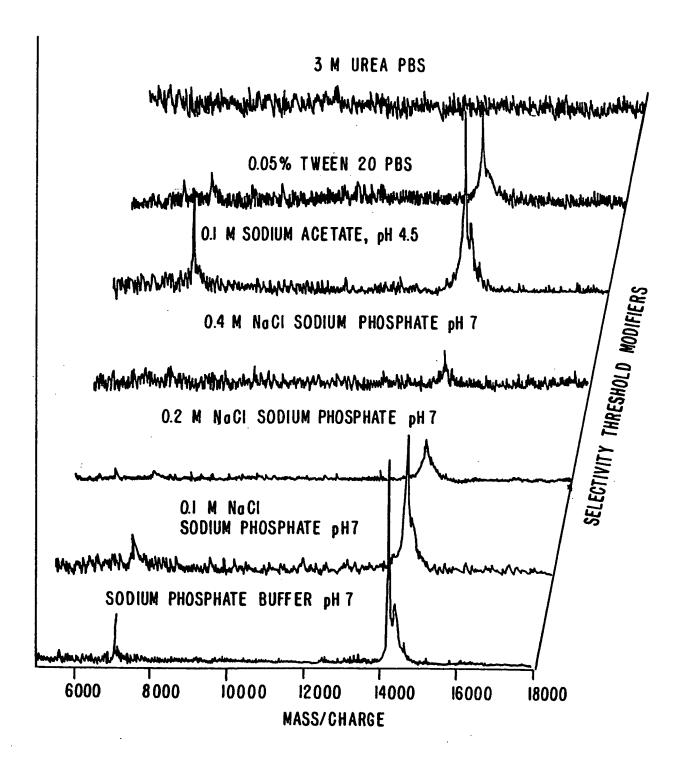


FIG. 5D.

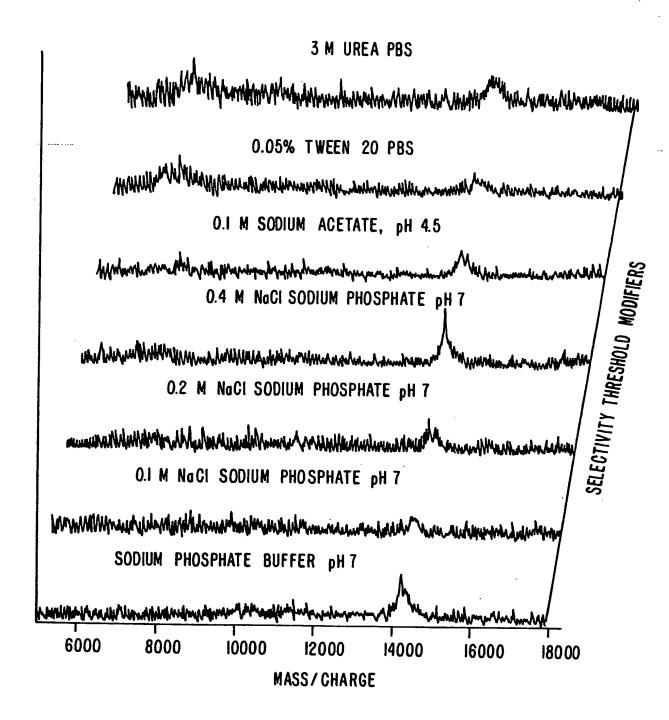


FIG. 5E.

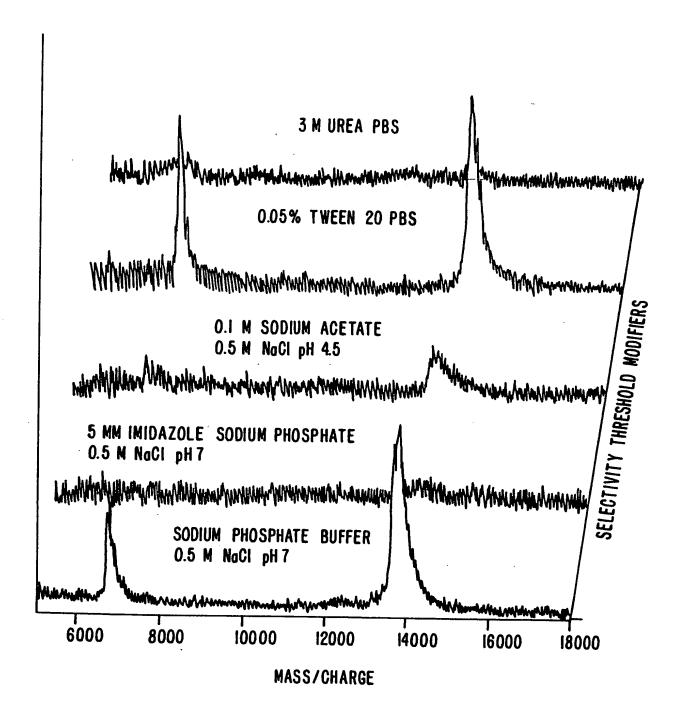


FIG. 5F.

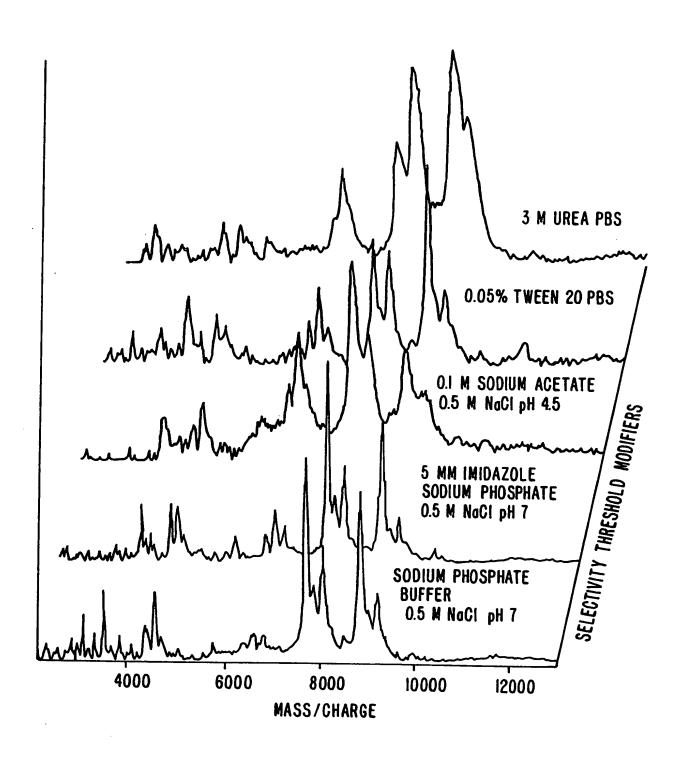


FIG. 6A.

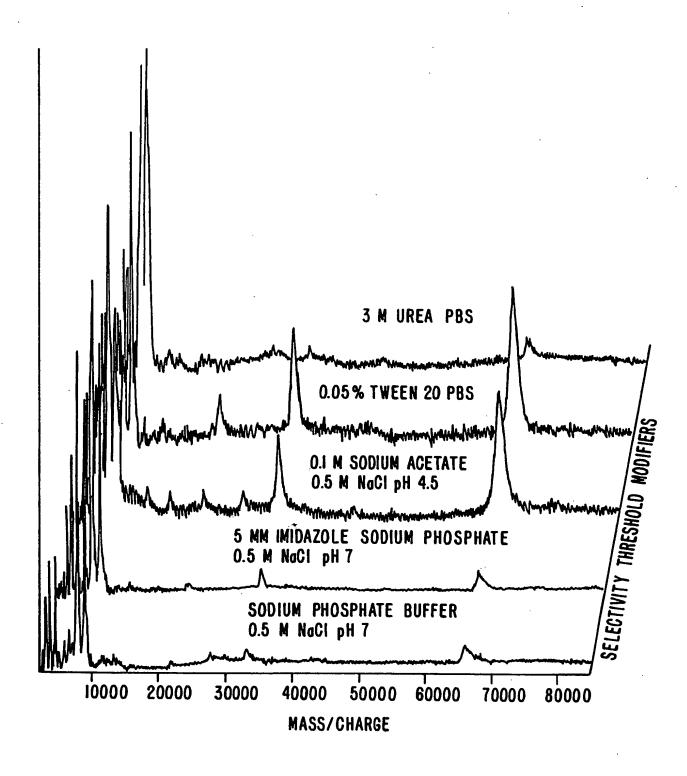


FIG. 6B.

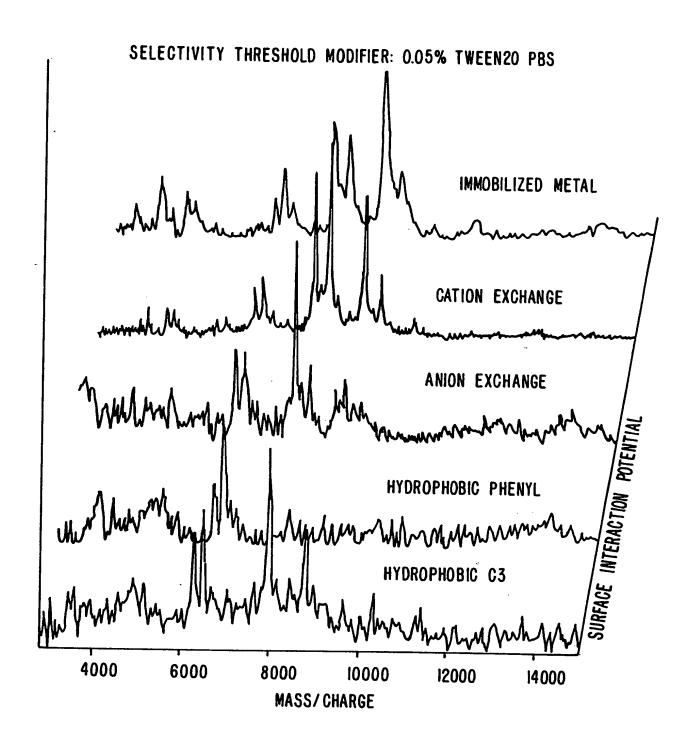


FIG. 7A.

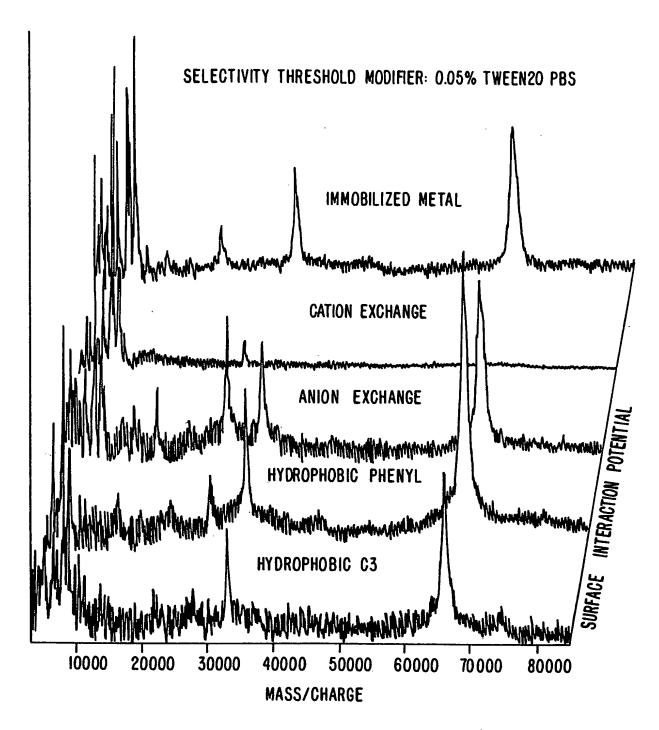


FIG. 7B.

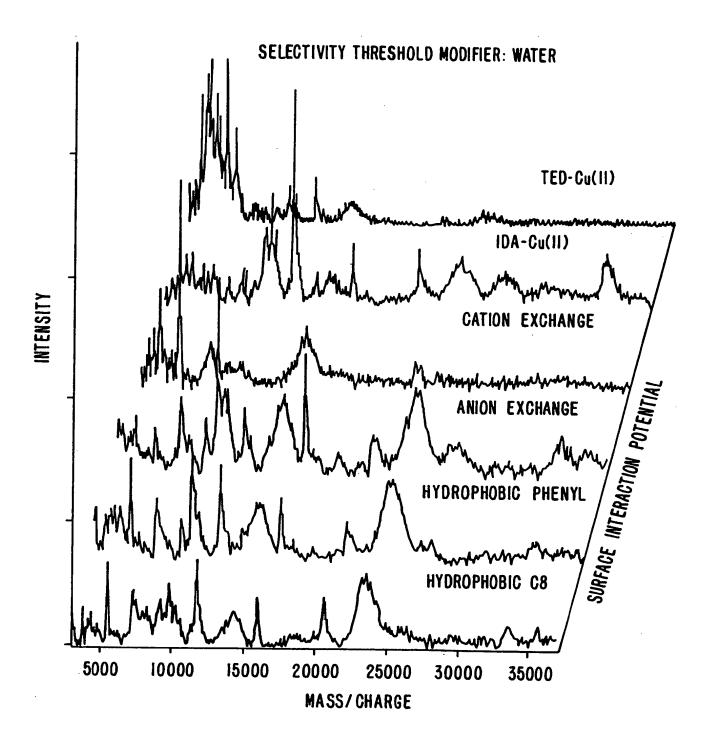


FIG. 8A.

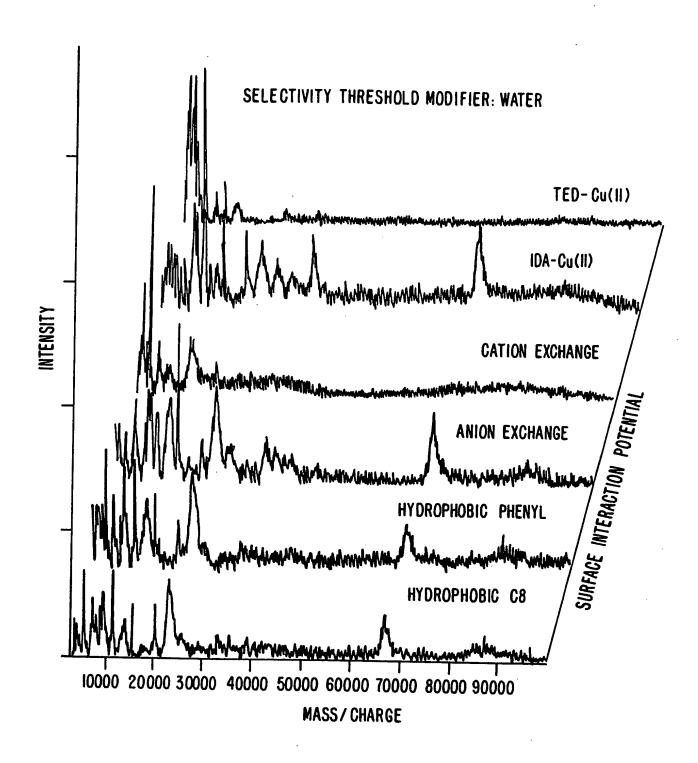
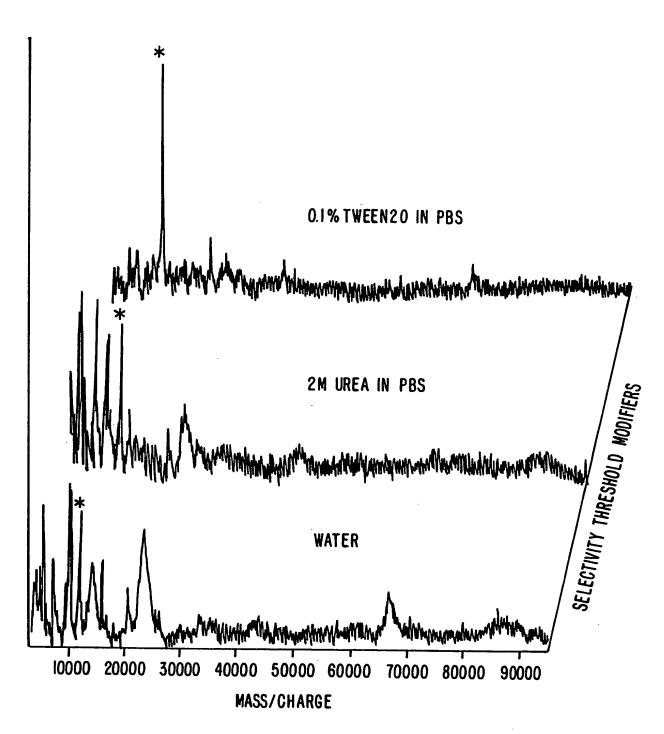


FIG. 8B.



F/G. 9.

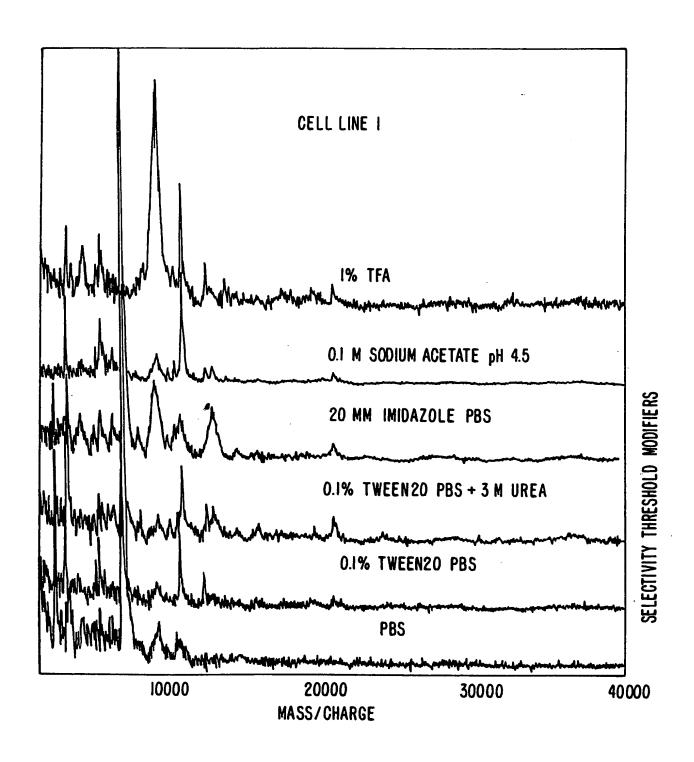


FIG. IOA.

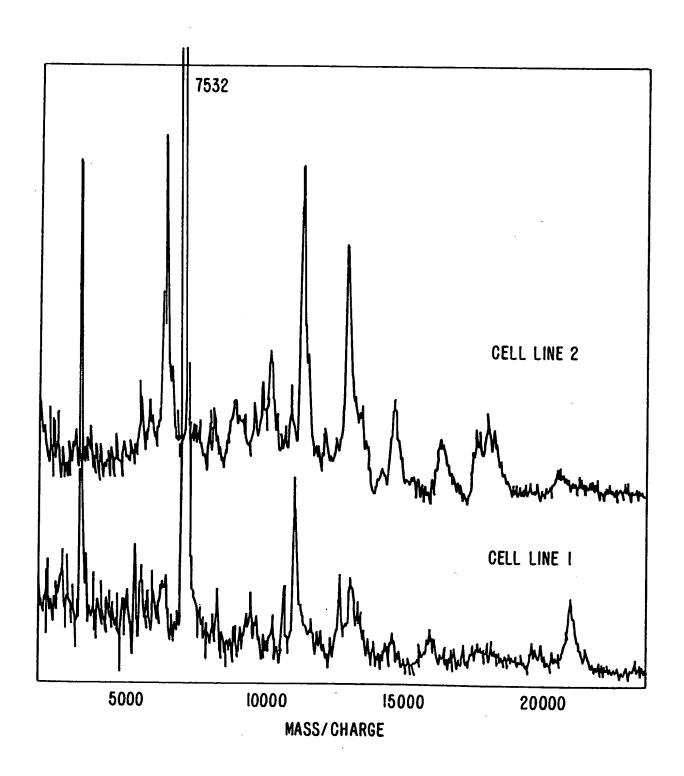


FIG. IOB.

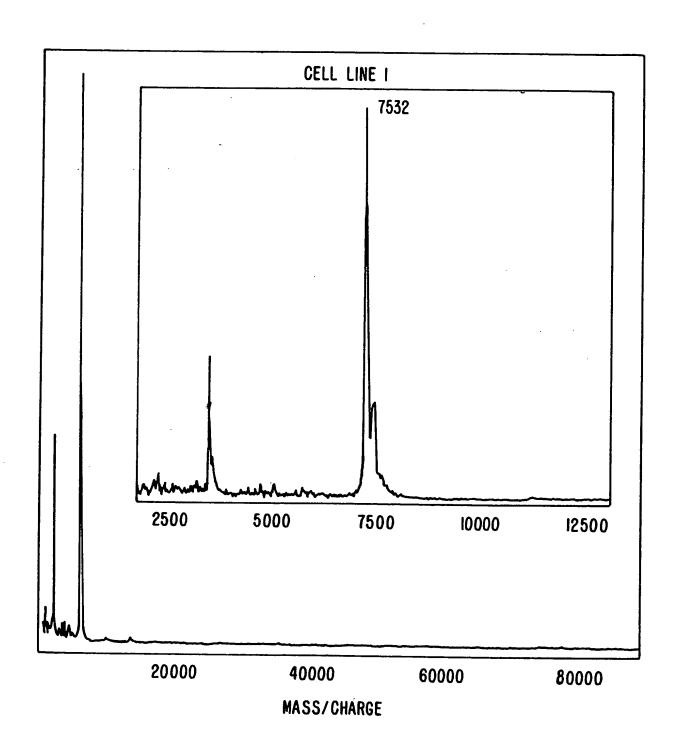


FIG. 10C.

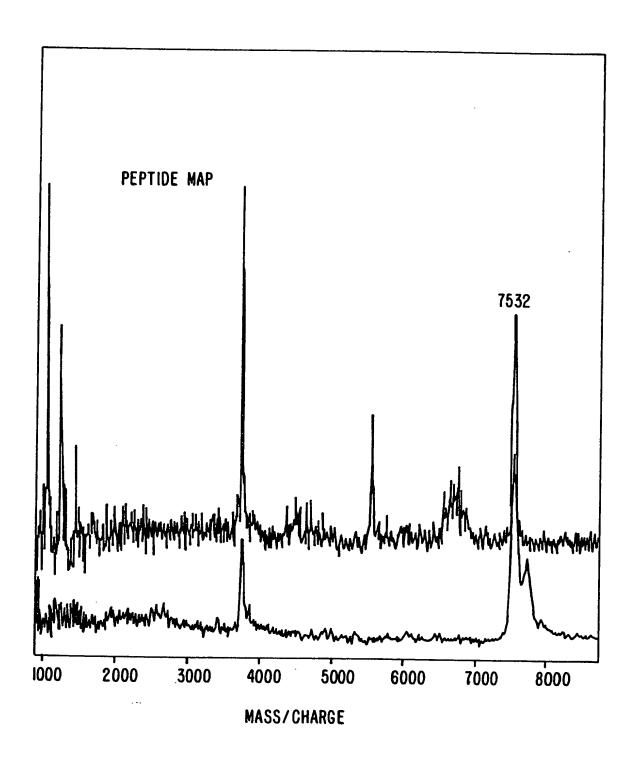
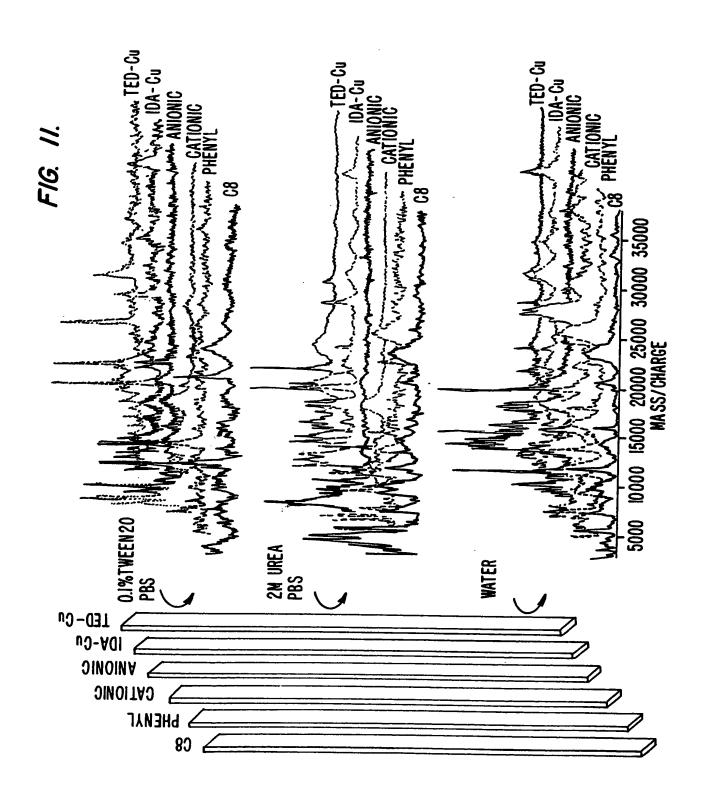
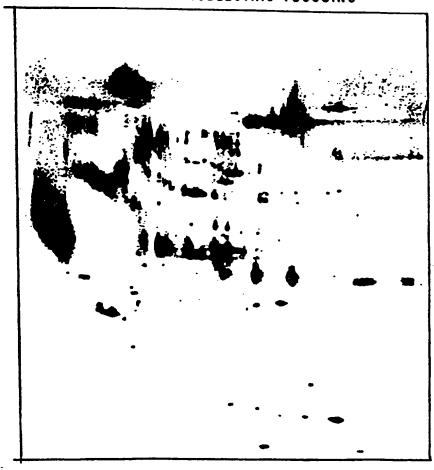


FIG. IOD.



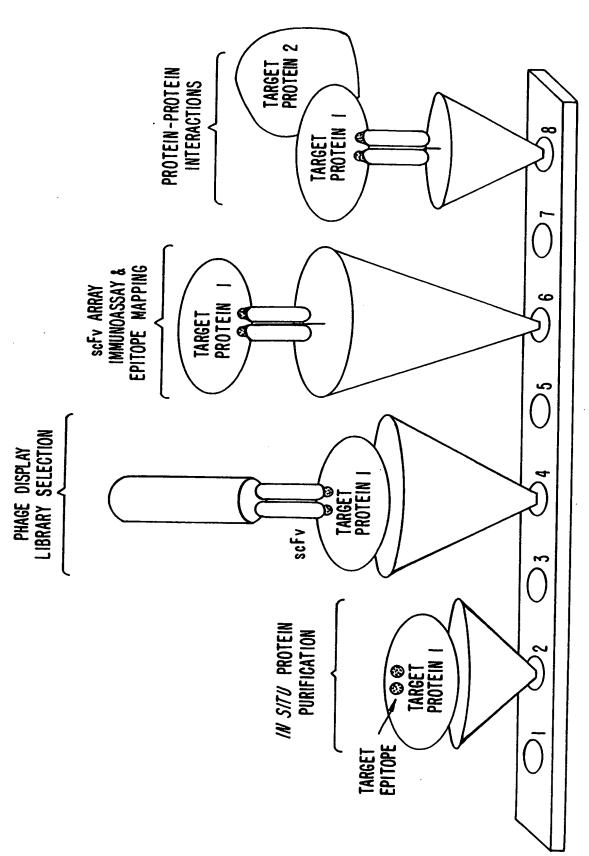
IST DIMENSION: ISOELECTRIC FOCUSING



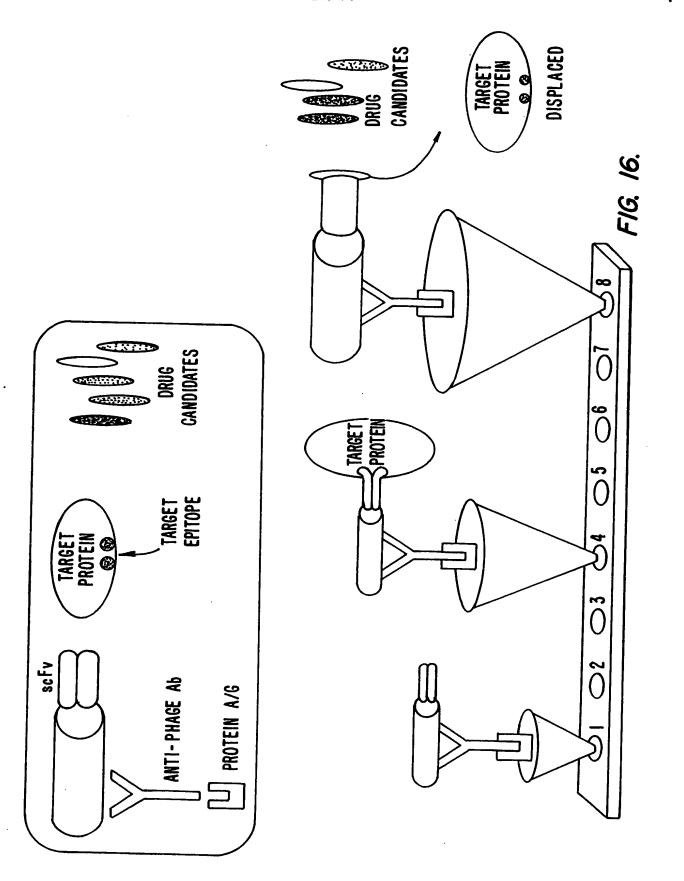
2ND DIMENSION: SDS PAGE

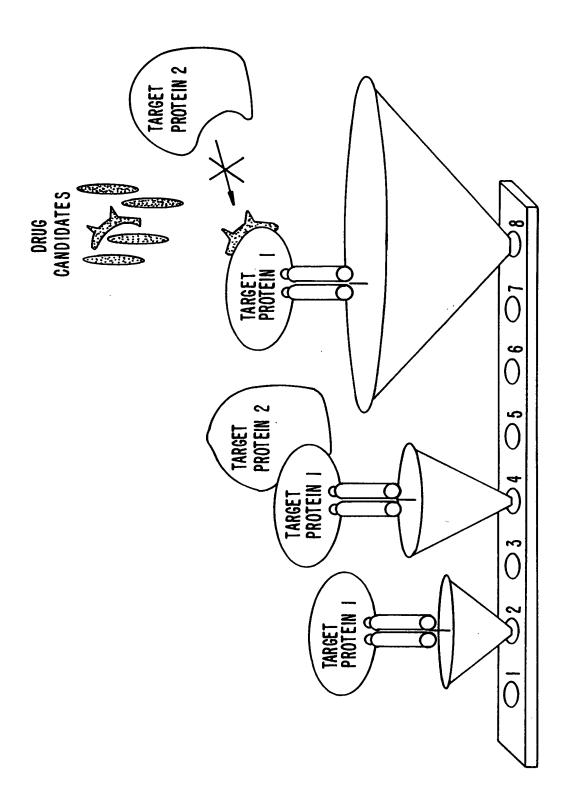
FIG. 12.

24/44 PHAGE PIII COAT PROTEIN sf. SELDI 0 0 SPECIFIC PHAGE WITH sfv "RETAINED" BY TARGET BIOMOLECULE 4 EL!MINATE Nonspecific



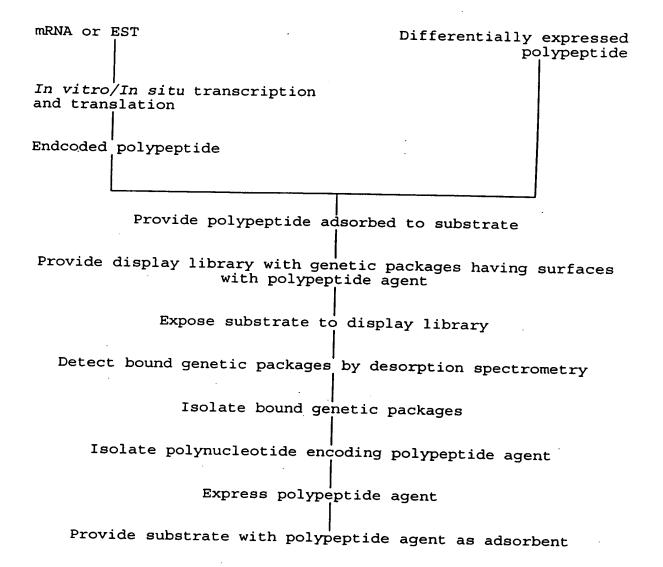
F1G. 14.

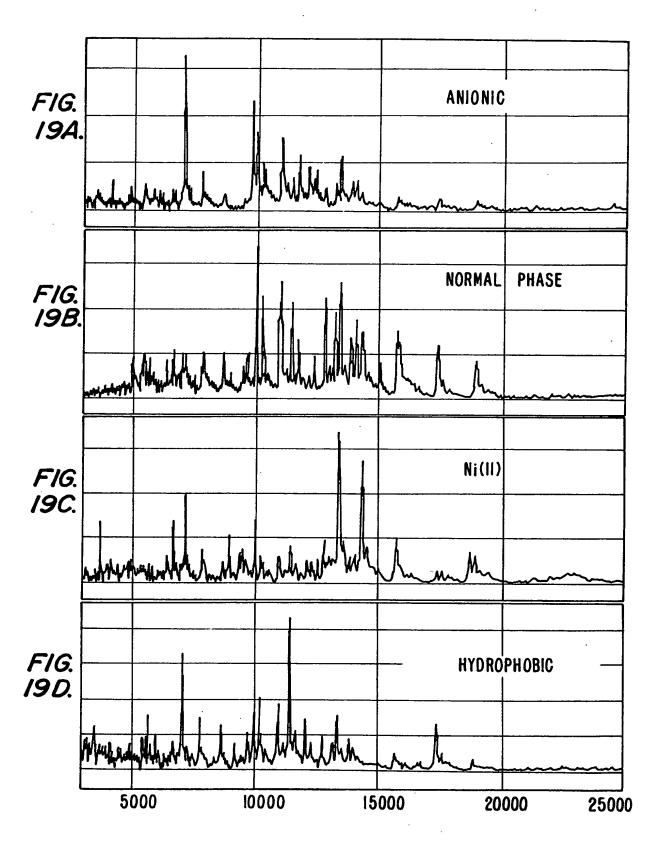


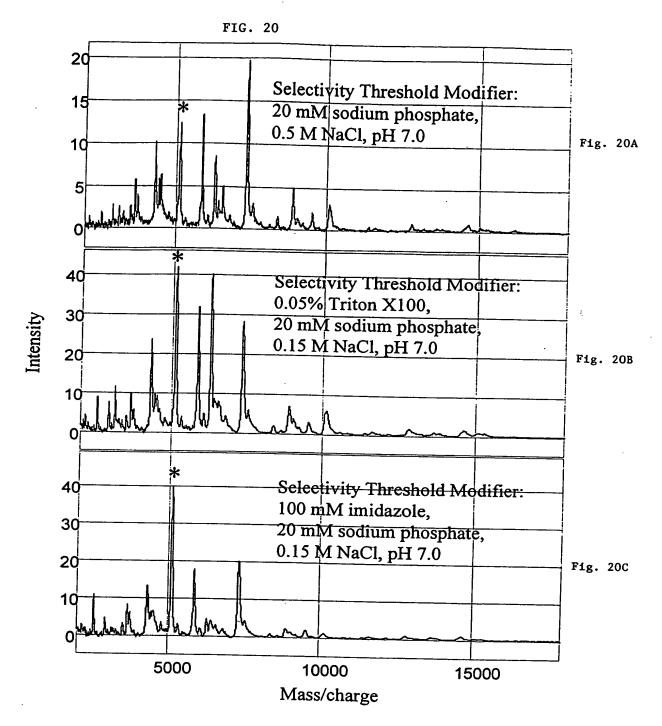


F16. 17.

Fig. 18







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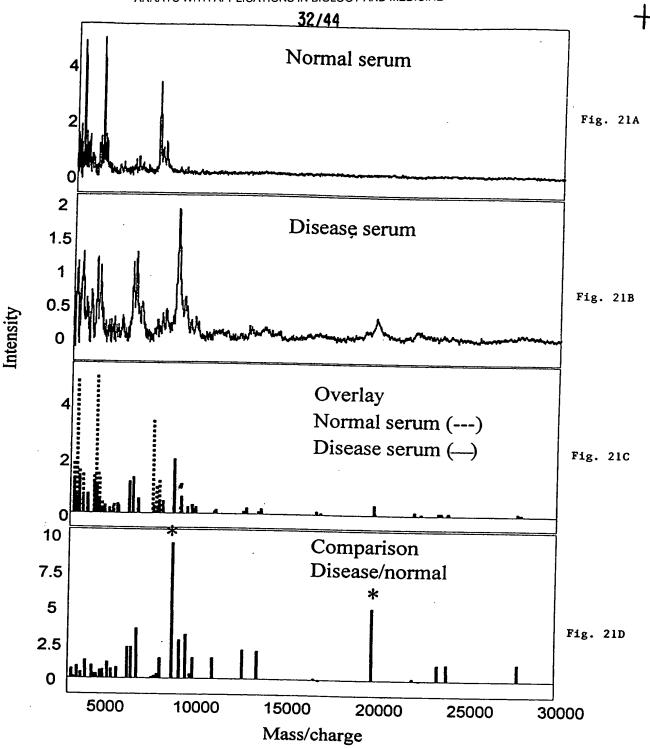
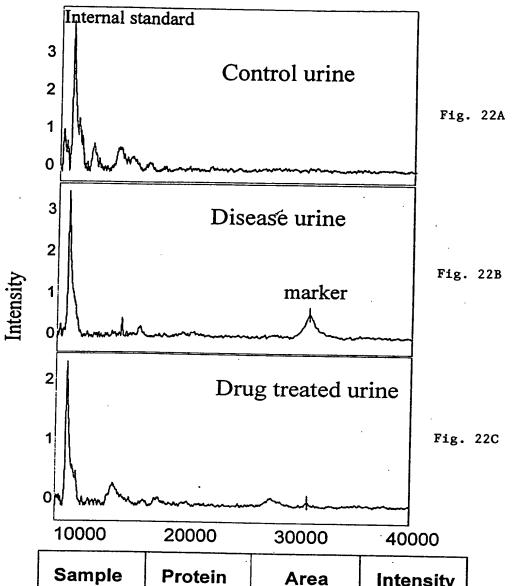


FIG. 22



Sample	Protein	Area	Intensity
Disease	Int std	1139.044	3.340518
	marker	695.4804	0.580081
Drug treated	Int std	1383.883	3.780178
	marker	71.05119	0.143227

Fig. 22D

Normalized marker peak area (marker/internal std):

Control

0.0

Disease

0.61

Drug treated

0.05

Retentate Map<sup>TM</sup> of Human Urine SELDI ProteinChip<sup>TM</sup> Array

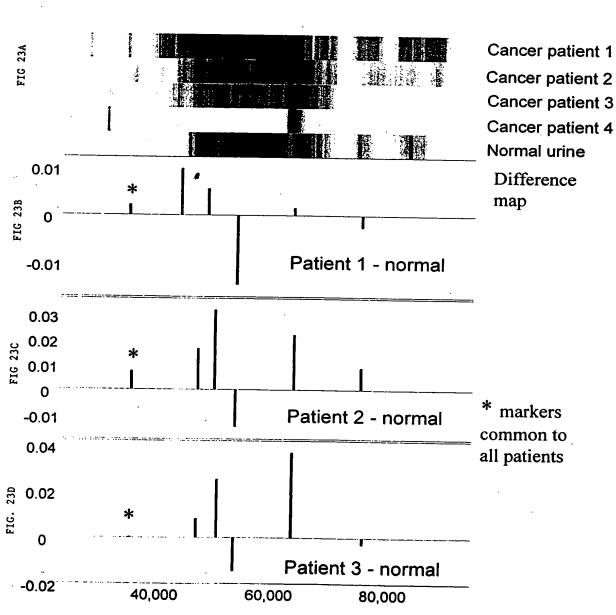
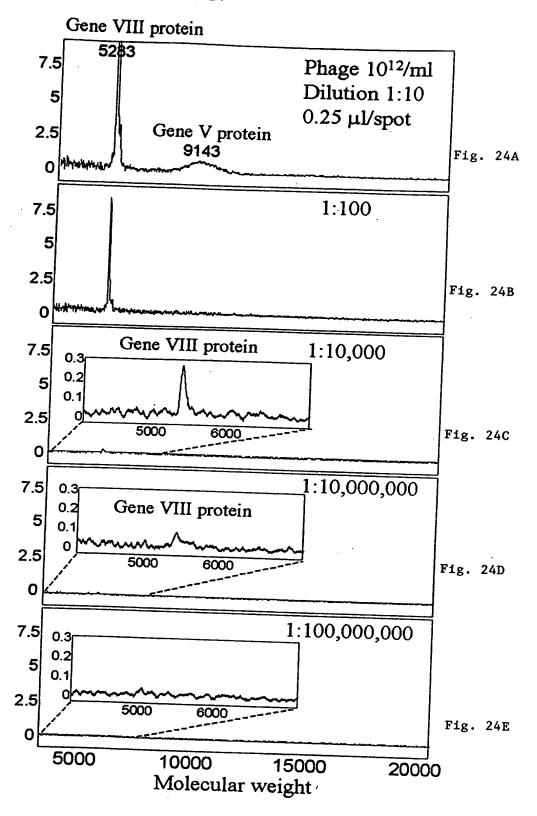
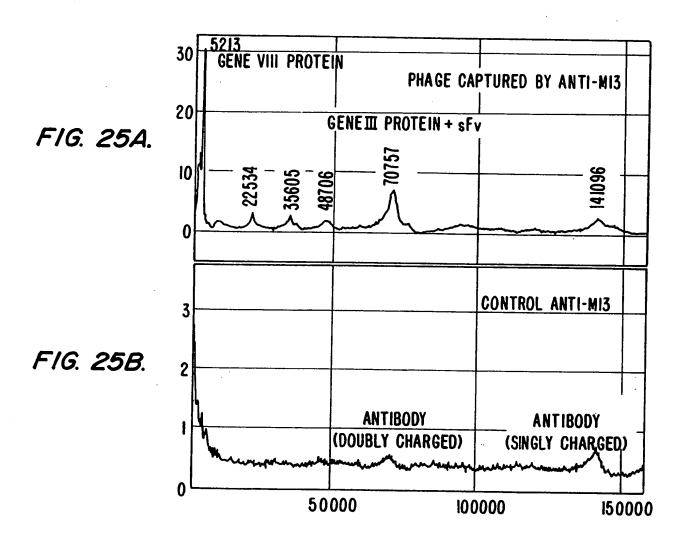
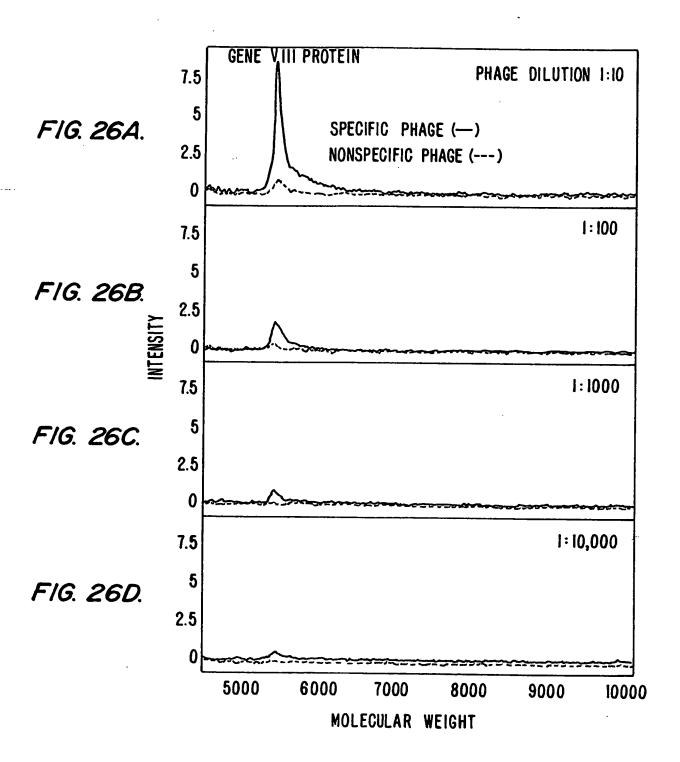
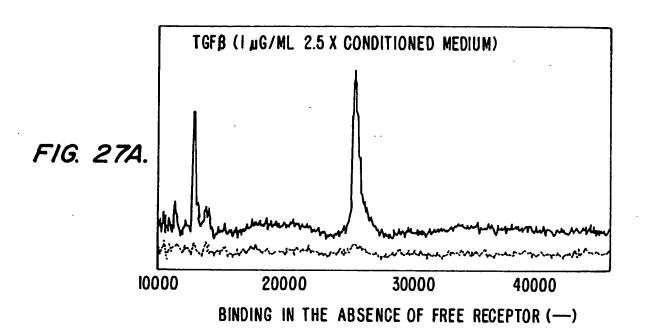


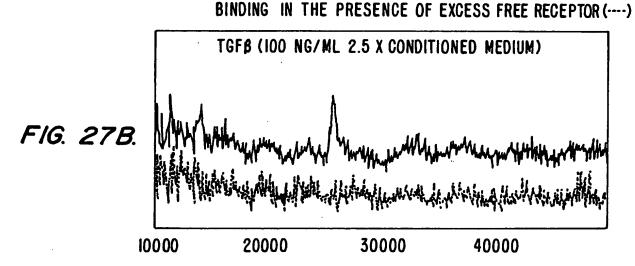
FIG. 24











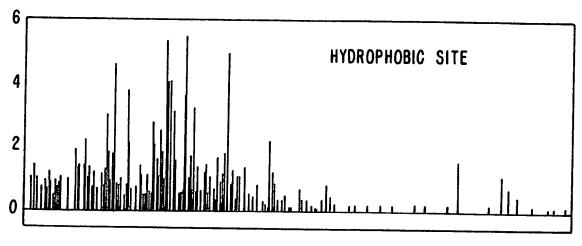


FIG. 28A.

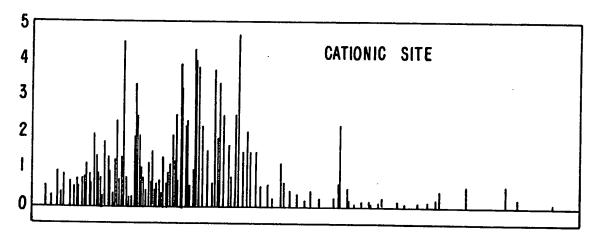


FIG. 28B.

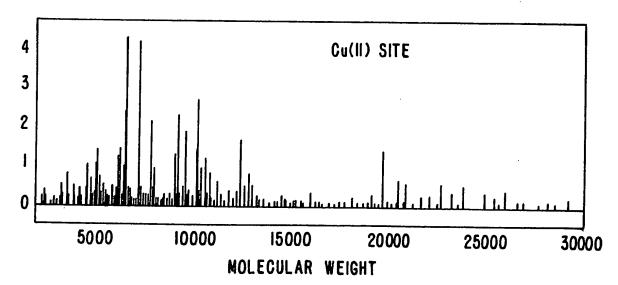
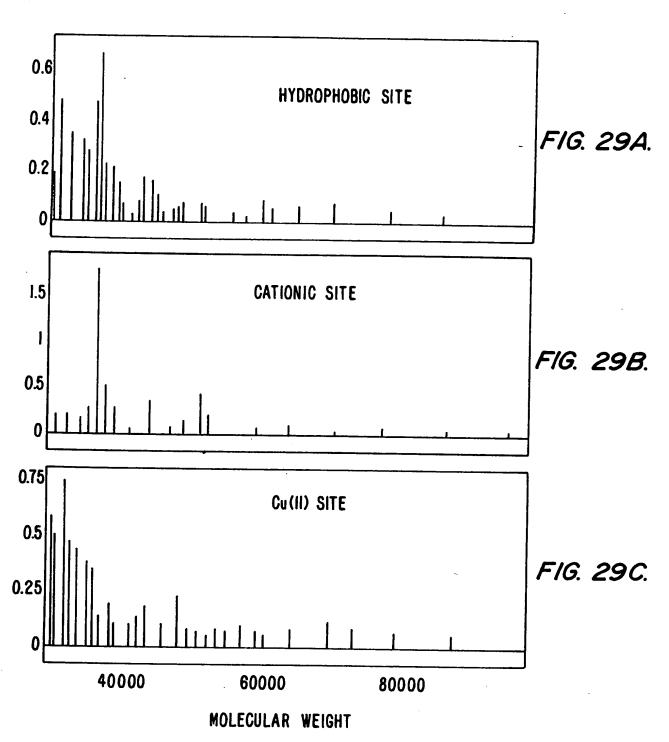


FIG. 28C.





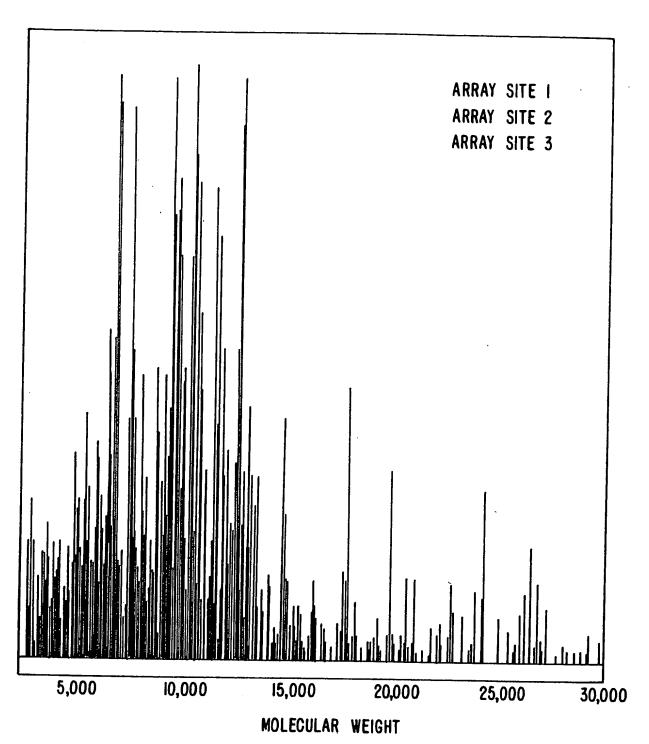


FIG. 30.

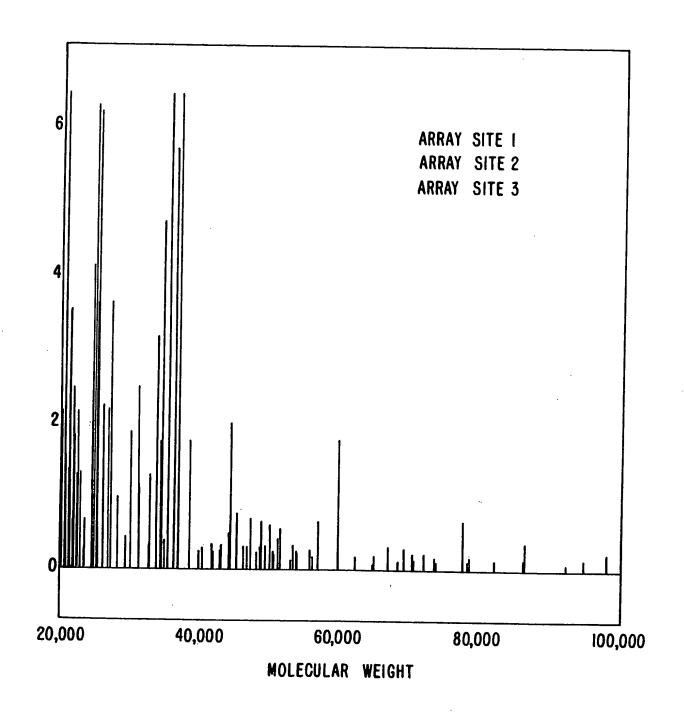


FIG. 31.

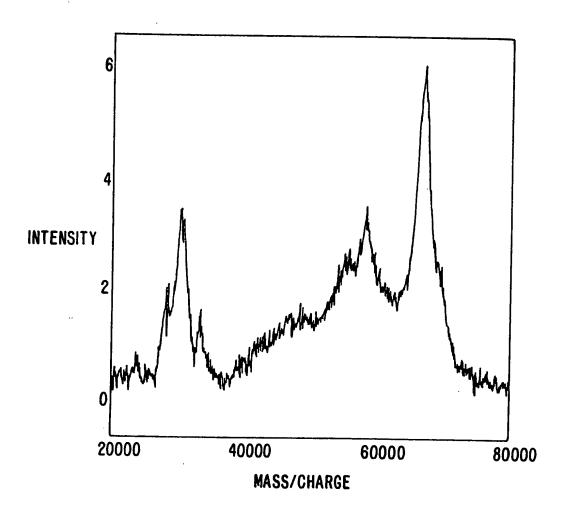


FIG. 32.

